



POINT MUGU, CA

NAVAIR Point Mugu is one of the eight Naval Air Systems Command sites that provides the highest standard in warfare technology through supremacy in naval aviation technologies. An integral part of the Naval Air Warfare Center Weapons Division, the facilities and work force located at Point Mugu provide efficient deployment of new weapon systems through a unique combination of its co-located laboratories, ranges, weapons test squadrons and the Navy's operational test organization. Additionally, Point Mugu supports fleet training and tactics development, particularly large scale, major exercises including Fleet Battle Experiments on the Pacific Sea Range.

MISSION

NAVAIR Point Mugu's mission is to support NAVAIR in providing the warfighter with Absolute Combat Power through technologies that deliver dominant combat effects and matchless capabilities by:

- ◆ Performing Research, Development, Test and Evaluation (RDT&E), logistics, and in-service support for guided missiles, free-fall weapons, targets, support equipment, crew systems and electronic warfare
- ◆ Integrating weapons and avionics on tactical aircraft
- ◆ Operating of the Navy's western land and sea range test and evaluation complex
- ◆ Developing and applying new technology to ensure battlespace dominance

Point Mugu is a leader in RDT&E of guided missiles, advanced weapons, and weapon systems. This is proven through 50 years of unparalleled products and the following attributes:

- ◆ World leader in development and integration of tactical electronic combat systems for the protection of Navy and Marine Corps aircraft.
- ◆ World leader in complex weapon systems and software integration and offers unique world-class facilities and test ranges for weapon system solutions for the warfighter.

PRODUCTS AND SERVICES

WEAPON SYSTEMS TEST AND EVALUATION

Point Mugu has an extensive instrumented sea range, including San Nicolas Island, to support both developmental and operational test and evaluation and fleet training of missiles, free-fall weapons, and electronic warfare systems. Expertise includes sea range operations, mono- and bi-static radar cross-section measurement; surface and air target operations, and test and evaluation engineering. Fleet training is supported for live-fire weapons launched from aircraft, surface ships, and submarines. Examples of weapon systems supported include AGM-88 High-speed Antiradiation Missile (HARM); GBU-31 Joint Direct Attack Munition (JDAM); AGM-154 Joint Standoff Weapon (JSOW); AIM-9 Sidewinder; BGM-109 Tomahawk, and many others.

WEAPON SYSTEM INTEGRATION AND ELECTRONIC WARFARE

Point Mugu provides development support for integration of weapons and avionics onto tactical aircraft. Expertise includes systems integration specifications, requirements definition, mission system design, cost estimating, facility/testing requirements definition, developmental testing, trainer/support equipment upgrades, operator/maintainer handbooks, mission planning, fleet support, and foreign military sales. Tactical aircraft currently supported are F-14B/D and EA-6B.

Point Mugu's technical expertise also supports development, testing, and software reprogramming of tactical aircraft electronic warfare systems. Typical products supported include jammers, infrared countermeasures, radar warning receivers, missile approach warning receivers, chaff and decoy expendables and dispensers.

IN-SERVICE ENGINEERING

Point Mugu provides engineering and training support to the fleet for in-service weapons missile test equipment, and missile and weapons support equipment. Expertise includes maintenance (logistics support, inspection, repair), documentation (maintenance manuals, assembly manuals, technical publications), supply support, training, and fleet on-site engineering technical support.

PEOPLE

With a work force of more than 1700, Point Mugu employs about 1700 civilian employees, and 200 active duty military personnel.

FACILITIES

- ◆ 36,000 Square miles of restricted airspace over Pacific sea range: (includes San Nicolas Island)
- ◆ Test area expandable to: 125,000 square miles
- ◆ Geographical features include littoral areas, ocean, deep-water ports and an isolated island. The unencroached sea ranges at Point Mugu (including San Nicolas Island), provide unmatched geographic conditions in which to develop and test weapon systems and explore tactics for island and littoral terrains.
- ◆ Airfields: 1 on San Nicolas Island and access to Naval Air Station Point Mugu

Note: NAVAIR Weapons Division Point Mugu is a tenant command on Naval Base Ventura County, a component of the Navy Southwest Region, San Diego, CA.

ACCOMPLISHMENTS

Point Mugu helped achieve initial fleet capability of JDAM on the F-14B; improved communications and navigation capability on EA-6B; and delivered the Integrated Defensive Electronic Countermeasures Block I system for fleet operational testing on the F/A-18; supported development and testing on improved versions of radar warning receivers, electronic jammers, missile warning receivers, and expendable chaff and decoy programs; supported EA-6B operations in Kosovo and Afghanistan with Electronic Warfare Data Base, intelligence, information warfare, and electronic upgrades.

FOR MORE INFORMATION, CONTACT:

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